

REMARKS

The Applicants thank the Examiner for the thorough examination of the application. The specification has been amended to insert priority information and to correct minor errors. No new matter is believed to be added to the application by this Amendment.

Status Of The Claims

Claims 1, 2, 6-9, 12-15, 17-21, 25-27 and 30-33 are pending in the application. Claims 3-5, 10, 11, 16, 22-24, 28 and 29 are cancelled. Claim 1 has been amended to incorporate the subject matter of cancelled claims 4 and 5. Claim 8 has been amended to incorporate the subject matter of cancelled claims 10 and 11. Claim 14 has been amended to incorporate the subject matter of cancelled claim 16. Claim 19 has been amended to incorporate the subject matter of cancelled claims 23 and 24. Claim 25 has been amended to incorporate the subject matter of cancelled claims 28 and 29.

Rejection Under 35 U.S.C. §102(b) Over Henley

Claims 1-3, 8, 9, 14-16, 19-22, 25-27 and 30-33 are rejected under 35 U.S.C. §102(b) as being anticipated by Henley (U.S. Patent 5,073,754). Applicants respectfully traverse.

Independent claims 1, 8, 14, 19 and 25 have been amended to incorporate the subject matter of cancelled claims 4-5, 10-11, 16, 23-24 and 28-29, respectively. Claims 4-5, 10-11, 23-24 and 28-29 were free of this rejection over

Henley. As a result, claims 1, 8, 19 and 25 (and their dependent claims) are patentable over Henley.

Also, independent claims 14 and 30 recite a magnetic sensor for scanning over an electrode pattern. In contrast, Figures 2 and 3 of Henley show a test array using a magnetic field sensor that fails to scan over the array, but rather scan at edges 20, 22, 24 and 26 of the panel 10. Henley at column 3, lines 64-68 states: "While the shorting bar is exposed to such current signal, the controller 37 signals the magnetic sensor 40 to scan the drive lines 14 and gate lines 16 at each edge 20, 22, 24, 26 of the panel 10 to which each involved shorting bar is attached."

As a result, Henley clearly fails to anticipate claim 14 of the invention, which recites "applying current to an electrode pattern" followed by "scanning the electrode pattern using a sensor array including one or more sensors below a pixel in size." Also, Henley clearly fails to anticipate claim 30 of the invention, which recites "at least one magnetic sensor below a pixel in size for scanning over an electrode pattern."

Therefore, independent claims 1, 8, 14, 19, 25 and 30 are not anticipated by Henley. Claims depending on these independent claims are patentable for at least the above reasons. This rejection is overcome and withdrawal thereof is respectfully requested.

Rejection Under 35 U.S.C. §103(a) Over Henley In View Of Kwon

Claims 4-7, 10-13, 17, 18, 23, 24, 28, and 29 are rejected under 35 U.S.C. §103(a) as being obvious over Henley in view of Kwon (U.S. Patent 6,566,902). Applicants respectfully traverse.

Kwon has the same assignee as the present invention. Kwon also has different inventorship as the present invention.

Also, Kwon was issued on May 20, 2003 from application 09/893,993 filed June 29, 2001. In contrast, the present invention was filed on September 25, 2003 and claims priority of Korean Application no. 2003-28643, filed May 6, 2003 (which is before the issue date of Kwon). In order to perfect priority, a certified translation of Korean Application no. 2003-28643 is being filed. As a result, the Kwon only qualifies as prior art under 35 U.S.C. §102(e).

Therefore, the present invention is patentable over any combination of Kwon under 35 U.S.C. §103(c), which requires the same assignee, different inventorship and qualification as prior art only under one or more of sections (e), (f) or (g) of 35 U.S.C. §102.

This rejection is overcome and withdrawal thereof is respectfully requested.

Prior Art

The prior art cited but not utilized by the Examiner indicates the status of the conventional art that the invention supercedes. Additional remarks are accordingly not necessary.

Drawings

The Examiner is respectfully requested to indicate whether the drawing figures are acceptable in the next official action.

Foreign Priority

The Examiner has acknowledged the claim for foreign priority in the Office Action mailed November 19, 2004.

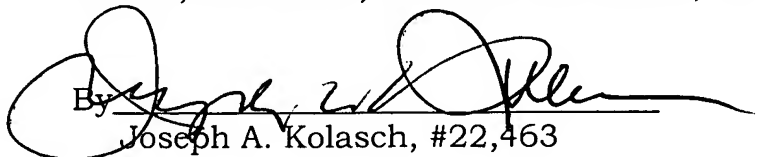
Conclusion

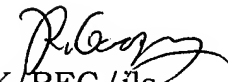
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Robert E. Goozner, Ph.D. (Reg. No. 42,593) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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